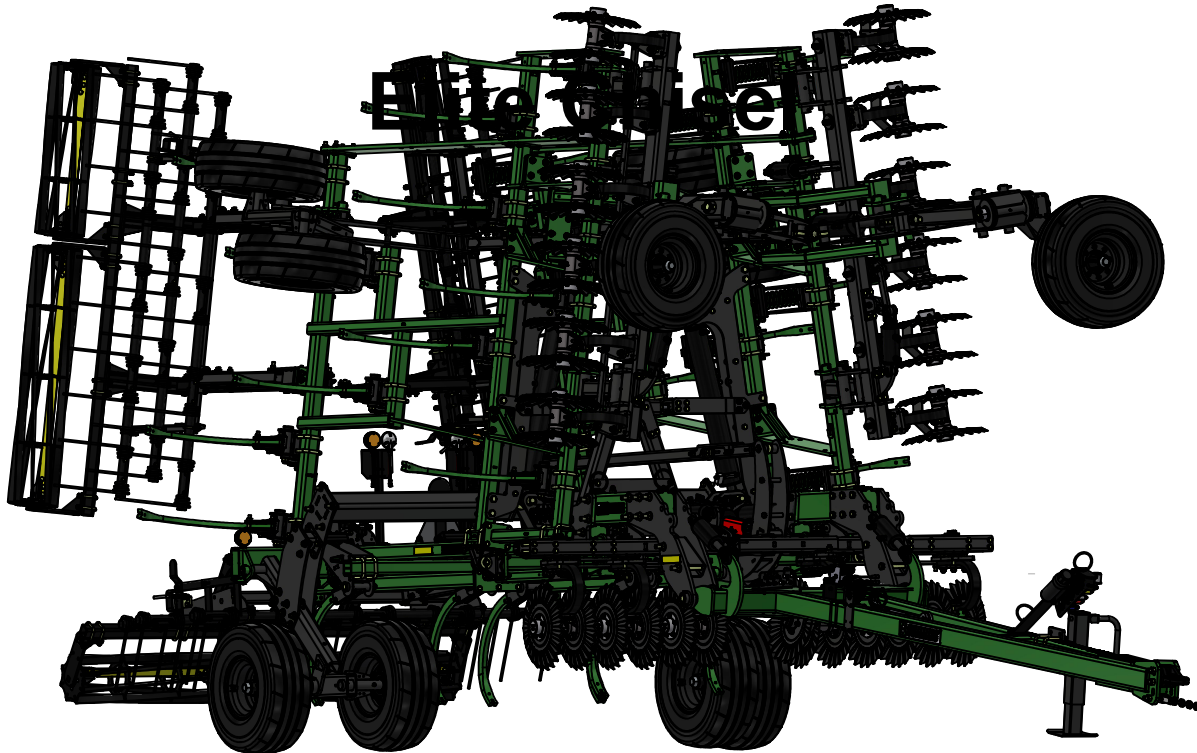


SUMMERS[®]

OPERATOR'S MANUAL



The Operator Is Responsible
For Adjusting The Machine For
Proper Performance And/Or
Function. Machine Does Not Come
"Field Ready" From The Factory.

NOTICE

Read And Understand
Operator's Manual
Before Using Machine.



SUMMERS MANUFACTURING CO., INC.

www.summersmfg.com

DEVILS LAKE, NORTH DAKOTA 58301

(701) 662-5391

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WARRANTY

Summers warrants only products of its manufacture against operational failure caused by defective materials or workmanship which occur during normal use within 36 months from the date of purchase by the end user from Summers dealer.

Summers obligation is to replace free of charge, any part of our product that Summers' inspection shows to be defective excluding transportation charges to Devils Lake, ND and return and also excluding all transportation costs from Summers' dealer to the dealer's customer and all other costs such as removal and installation expense. Other exclusions are bought out goods from other manufactures after year one. Examples include: cylinders, bearings, hubs & hoses.

Summers shall not be liable for loss of time, manufacturing costs, labor, material, loss of profits, consequential damages, direct or indirect, because of defective products whether due to rights arising under the contract of sale or independently thereof, and whether or not such claim is based on contract, tort or warranty.

Written permission for any warranty claim return must be first obtained from authorized Summers' personnel. All returns must be accompanied with a complete written explanation of claimed defects and the circumstances of operational failure.

Written warranty for all component parts used in the manufacturing of Summers products is available upon request. Warranty of such component parts will be determined by said component manufacturer upon their inspection of the claimed defective part.

Note: Honda engines and all tires must be taken to local authorized dealer for warranty and service.

THIS EXPRESS WARRANTY IS THE SOLE WARRANTY OF SUMMERS. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE WARRANTY HEREIN EXPRESSLY SET FORTH. THE SALES FOR PRODUCTS OF SUMMERS UNDER ANY OTHER WARRANTY OR GUARANTEE EXPRESS OR IMPLIED IS NOT AUTHORIZED. THIS WARRANTY VOIDS ALL PREVIOUS ISSUES.

GENERAL INFORMATION

This book is composed of four basic sections: Safety, Operation and Maintenance, Specifications, and Parts. The Operation Section provides information for the proper operation and maintenance of your Summers Elite Chisel. A complete parts breakdown is provided in the Parts Section.

Parts are referenced in each drawing with the Summers Manufacturing Part Number. Use this Part Number when ordering replacement parts from your Summers dealer.

Reference to “Right” and “Left” in this book is determined when the machine is viewed from the rear.

It is the policy of this company to improve its products whenever possible and practical to do so. We reserve the right to make changes or improvements in the design or construction of parts at any time without incurring the obligation to install such changes on products previously delivered.

Summers Manufacturing Company, Inc. strongly recommends that each Operator READ and UNDERSTAND the Operator's Manual before using the machine. In addition, this Operator's Manual should be REVIEWED at least ANNUALLY thereafter.

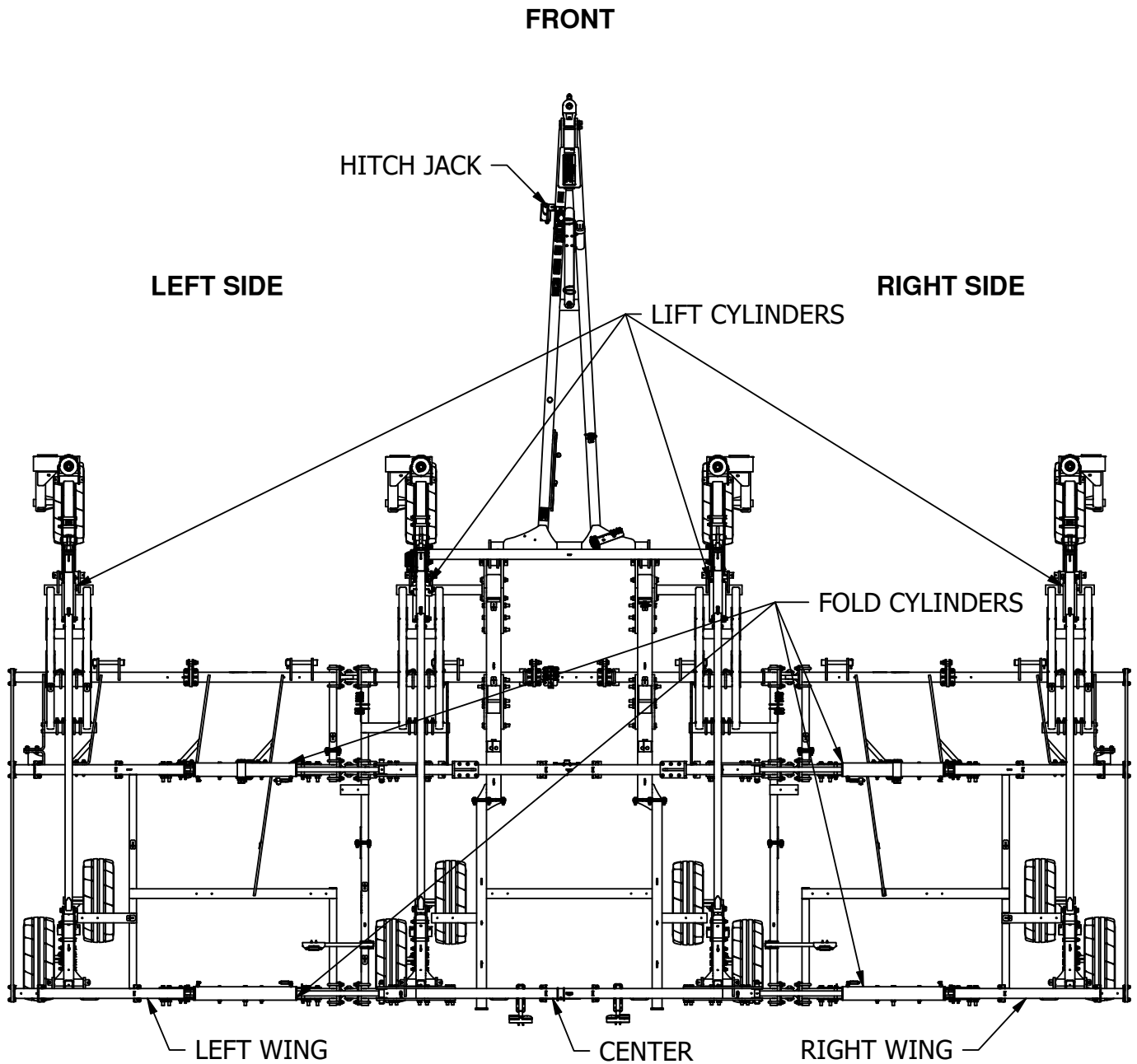
Scan QR Code below for the latest version of all Summers Operator's Manuals.



OWNER REGISTRATION			
Name		Machine Size	
Address		Serial Number	
City			(located on hitch)
State/Province		Date Purchased	
Mail Code		Dealer	

GENERAL INFORMATION

OPERATOR ORIENTATION



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SAFETY

SAFETY ALERT SYMBOL



This symbol is used to denote possible danger and care should be taken to prevent bodily injury.

This symbol means:

**ATTENTION! BECOME ALERT!
YOUR SAFETY IS INVOLVED!**



Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.



Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



Indicates an potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



Indicates important information being conveyed. It may be safety or operational in nature.

SAFETY

GENERAL SAFETY PRACTICES

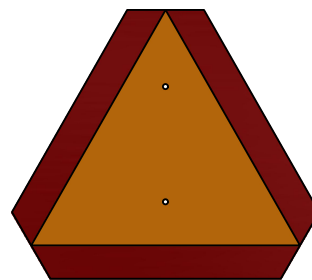
1. READ AND UNDERSTAND Operator's Manual before using machine. Review at least annually thereafter.
2. VERIFY all safety devices and shields are in place before using machine.
3. KEEP hands, feet, hair and clothing away from moving parts.
4. STOP engine, place all controls in neutral, set parking brake, remove ignition key and wait for all moving parts to stop before servicing, adjusting or maintaining.
5. USE CYLINDER LOCKS or lower hydraulically elevated implement components.
6. BE CAREFUL when working around high pressure hydraulic system.
7. DO NOT ALLOW RIDERS.

TRANSPORT SAFETY

1. Road speed should not exceed 20 mph (32 km/hr).
2. Do not tow if the implement's towing vehicle ratio is greater than 1.5:1. See Specifications Section for implement weights.
3. If more than one implement is to be pulled by a towing vehicle, it is recommended that each implement is to be a maximum of 50% of the weight of the preceding implement. If it is not possible to reach this weight limit, transport the implements separately.
4. When approaching rough roads/ground (such as entering a road), slow down to a safe driving speed.
5. Check all lights and reflectors to ensure ALL regulations are met. Make sure the SMV emblem is attached to the implement and is clearly visible from the rear. SMV emblems are only attached to vehicles traveling slower than 25 mph (40 km/hr). The most hazardous conditions to drive in are a daybreak and dusk. The use of a pilot car is recommended.
6. Always install ALL safety locks before transporting an implement.
7. Always park implements on a firm, level surface.



SPEED INDICATOR SYMBOL
(SIS)



SLOW MOVING VEHICLE EMBLEM
(SMV)

SAFETY LIGHT OPERATION

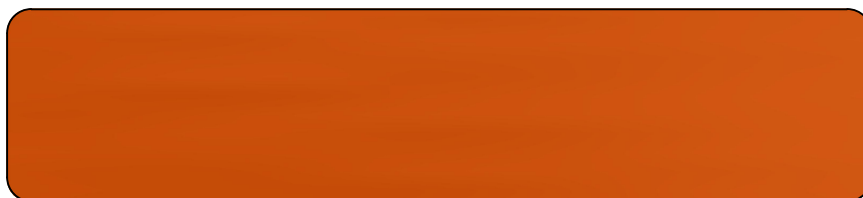
The Summers Elite Chisel is equipped with a 7-pin light connector which meets SAE J560 specifications. To protect the connector when not attached to towing vehicle, store the connector in the dust cap. The Summers Elite Chisel is also equipped with an Enhanced Flasher Lighting Module which meets ASABE S279 standards.

SAFETY

SAFETY DECALS



8Z0800
REFLECTOR AMBER ADHSVBCK98-



8Z0805
REFLCTR REDORANGE ADHSVBK99-



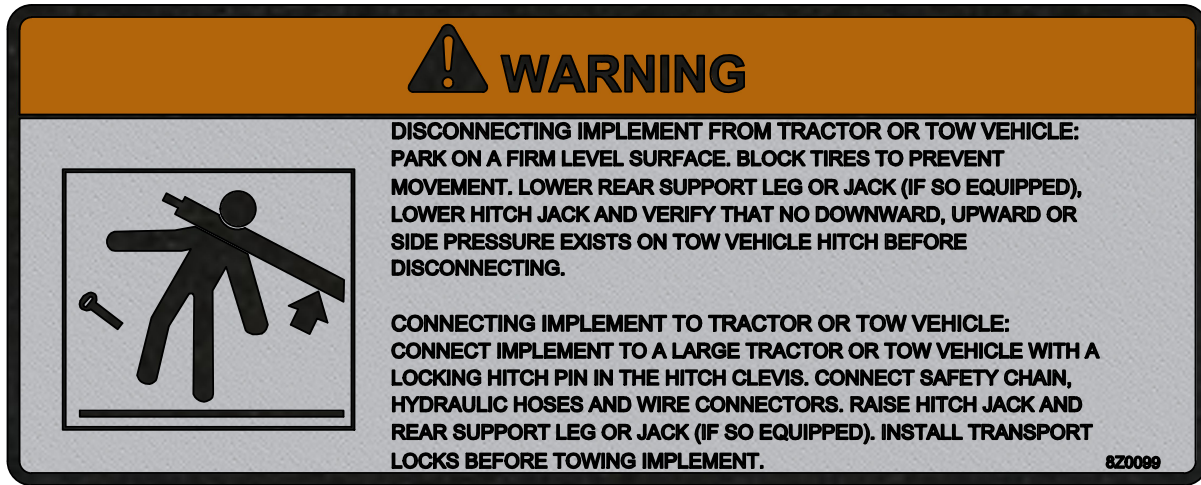
8Z0810
REFLECTOR RED ADHSV-BACK 98-



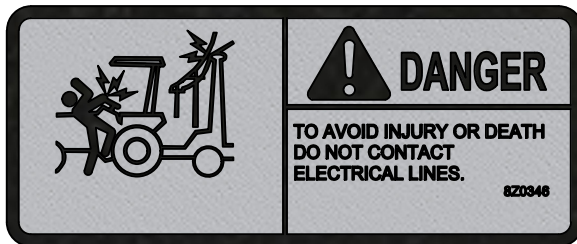
8Z0276
DECAL GENERAL CAUTION

SAFETY

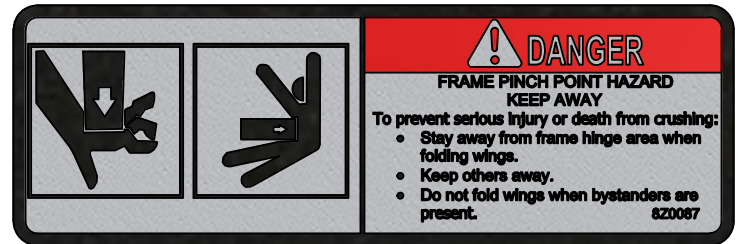
SAFETY DECALS



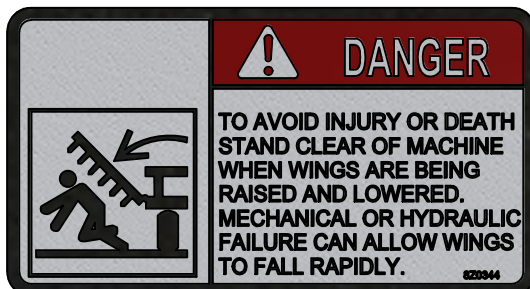
8Z0099
DECAL "WARNING" DISCONNECT IMP



8Z0346
DECAL ELECTROCUTION-TILLAGE



8Z0087
DECAL "WARNING" PINCH POINT03-



8Z0344
DECAL WING DANGER



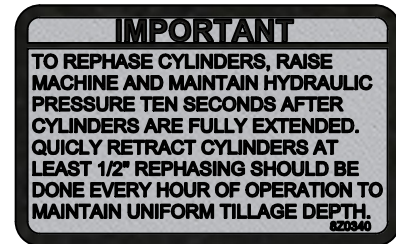
8Z0342
DECAL INSTALL CYLINDER LOCKS

SAFETY

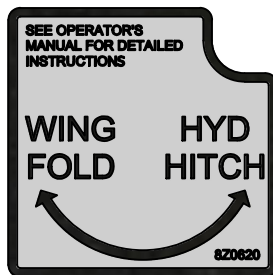
SAFETY DECALS



8Z0100
MADE IN THE USA DECAL



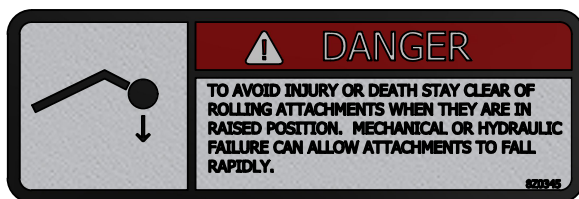
8Z0340
DECAL REPHASING CYLINDERS



8Z0620
DECAL WING HITCH SELECTOR



8Z0622
DECAL WING WHEEL BYPASS



8Z0345
DECAL - DANGER HYD BSKT



8Z0055
PLATE SERIAL NUMBER UNIVRSL



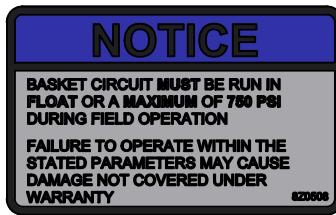
8Z0503
DECAL BSKT PRESSURE



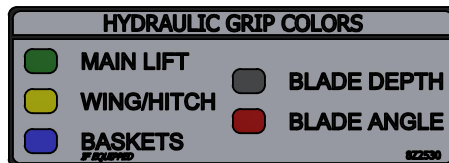
8Z2606
DECAL 20 MPH SIS

SAFETY

DECALS



8Z0508
DECAL NOTICE BASKET



8Z2530
DECAL HYD GRIP NRW ELITE



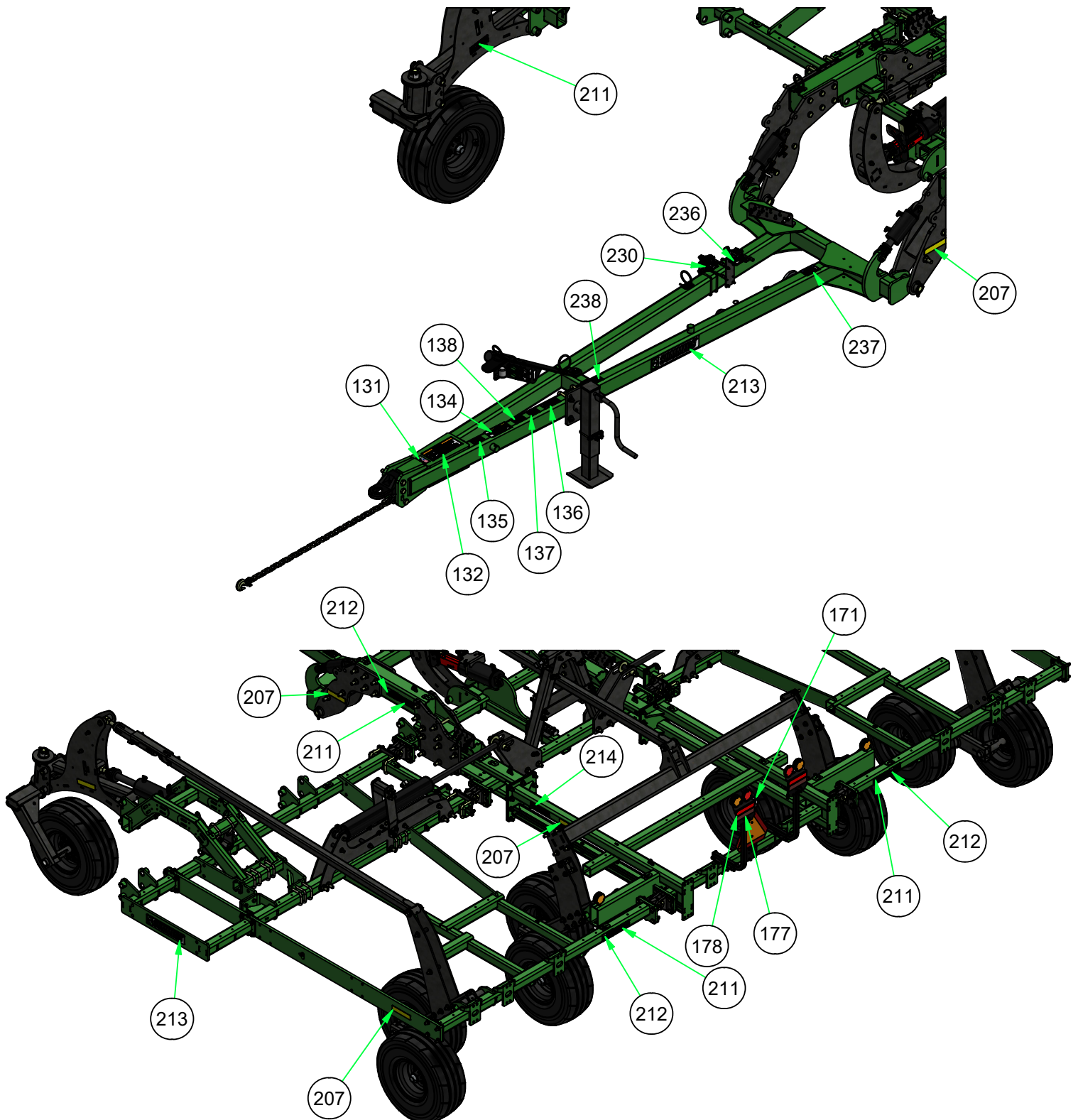
8Z0940
DECAL SUMMERS WHITE BACK 4"



8Z0920
DECAL SUMMERS WHITE BACK 2"

SAFETY

DECALS 26' - 30'



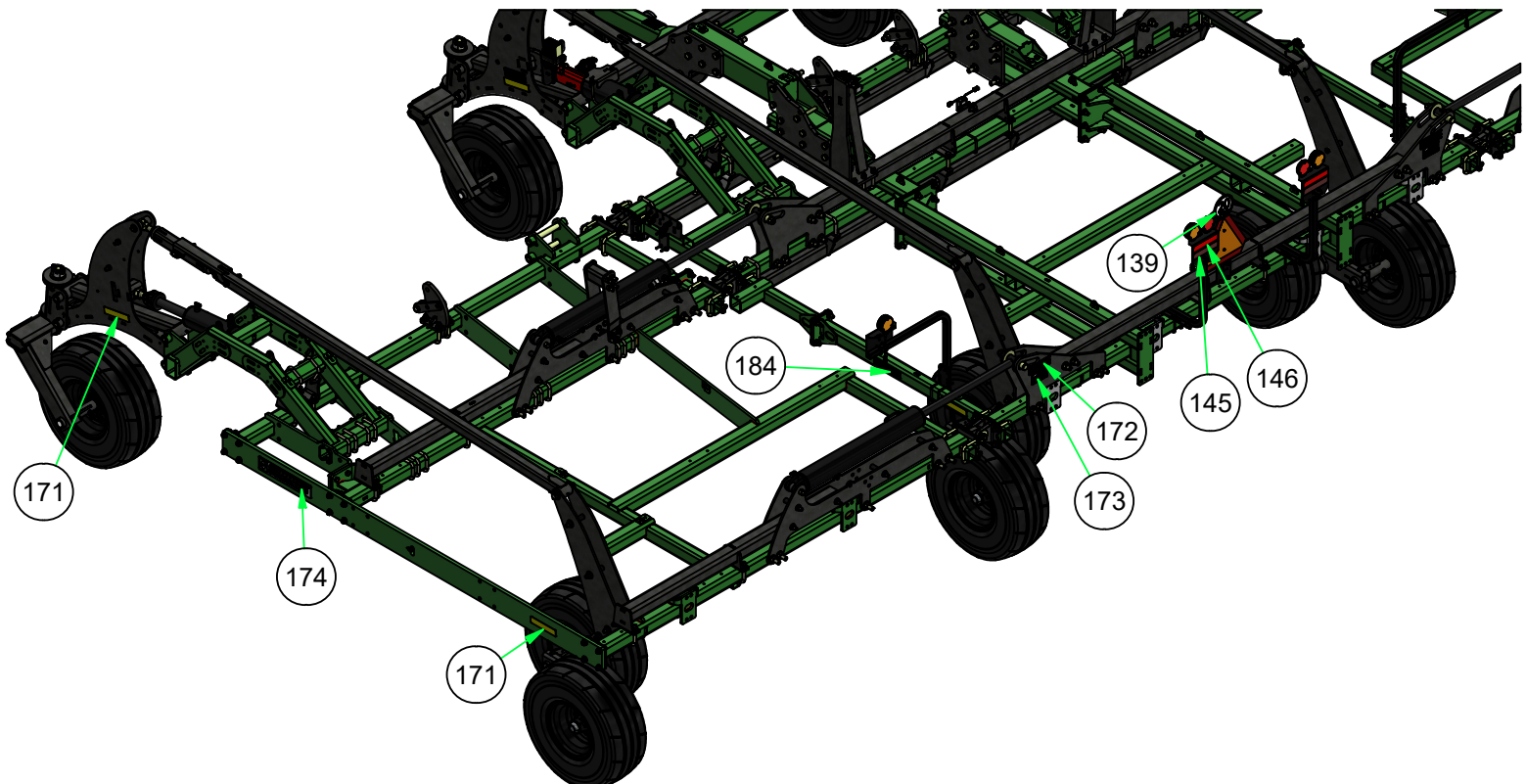
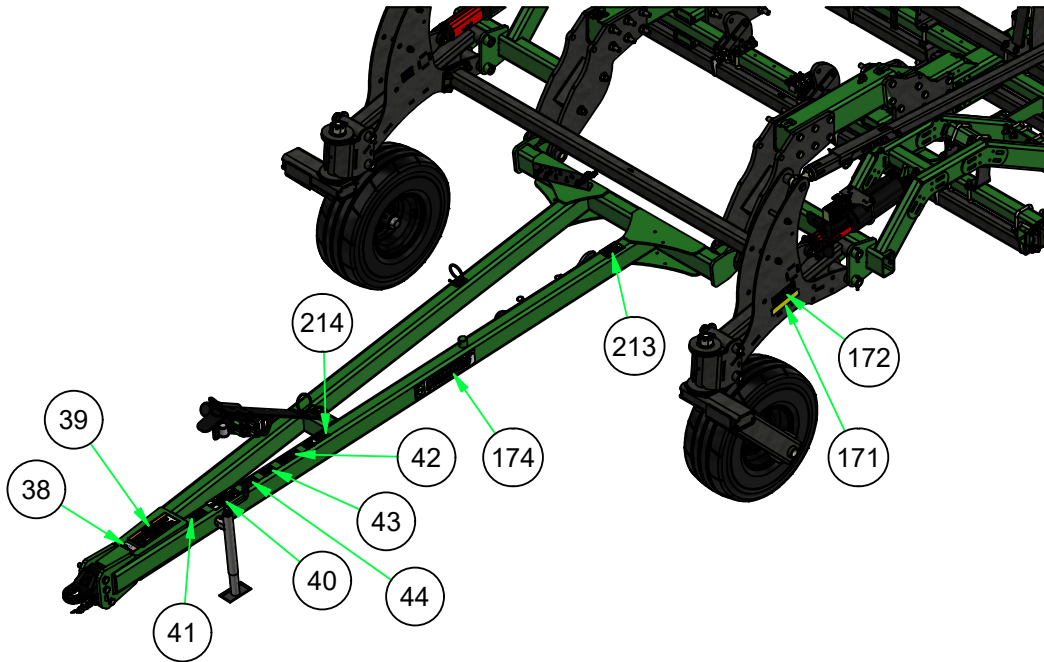
SAFETY

DECALS 26' - 30'

ITEM	PN	DESCRIPTION
131	8Z0100	MADE IN THE USA DECAL
132	8Z0099	DECAL "WARNING" DISCONNECT IMP
134	8Z0276	DECAL GENERAL CAUTION
135	8Z0055	PLATE SERIAL NUMBER UNIVRSL
136	8Z0346	DECAL ELECTROCUTION-TILLAGE
137	8Z0342	DECAL INSTALL CYLINDER LOCKS
138	8Z0340	DECAL REPHASING CYLINDERS
171	8Z2606	DECAL 20 MPH SIS
177	8Z0805	REFLCTR REDORANGE ADHSVBK99-
178	8Z0810	REFLECTOR RED ADHSV-BACK 98-
207	8Z0800	REFLECTOR AMBER ADHSVBCK98-
211	8Z0087	DECAL "WARNING" PINCH POINT03-
212	8Z0344	DECAL WING DANGER
213	8Z0940	DECAL SUMMERS WHITE BACK 4"
214	8Z0920	DECAL SUMMERS WHITE BACK 2"
230	8Z0620	DECAL WING HITCH SELECTOR
236	8Z0622	DECAL WING WHEEL BYPASS
237	8Z0508	DECAL NOTICE BASKET
238	8Z2530	DECAL HYD GRIP NRW ELITE

SAFETY

DECALS 34' - 38'



SAFETY

DECALS 34' - 38'

ITEM	PN	DESCRIPTION
38	8Z0100	MADE IN THE USA DECAL
39	8Z0099	DECAL "WARNING" DISCONNECT IMP
40	8Z0276	DECAL GENERAL CAUTION
41	8Z0055	PLATE SERIAL NUMBER UNIVRSL
42	8Z0346	DECAL ELECTROCUTION-TILLAGE
43	8Z0342	DECAL INSTALL CYLINDER LOCKS
44	8Z0340	DECAL REPHASING CYLINDERS
139	8Z2606	DECAL 20 MPH SIS
145	8Z0805	REFLCTR REDORANGE ADHSVBK99-
146	8Z0810	REFLECTOR RED ADHSV-BACK 98-
171	8Z0800	REFLECTOR AMBER ADHSVBCK98-
172	8Z0087	DECAL"WARNING"PINCH POINT03-
173	8Z0344	DECAL WING DANGER
174	8Z0940	DECAL SUMMERS WHITE BACK 4"
184	8Z0920	DECAL SUMMERS WHITE BACK 2"
213	8Z0508	DECAL NOTICE BASKET
214	8Z2531	DECAL HYD GRIP ELITE

OPERATION AND MAINTENANCE

 **DANGER**

**NEVER PARK, UNHOOK OR SERVICE WITH WINGS
PARTIALLY RAISED**

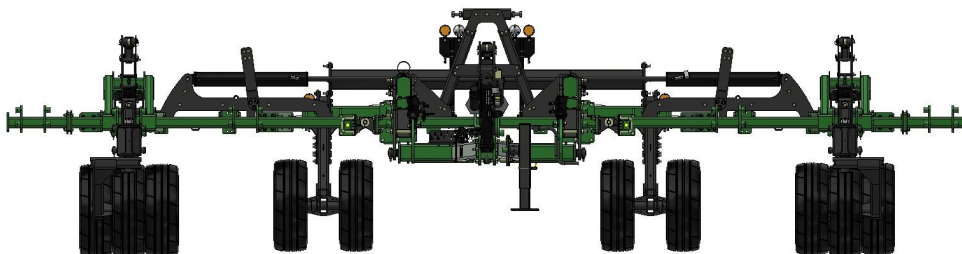
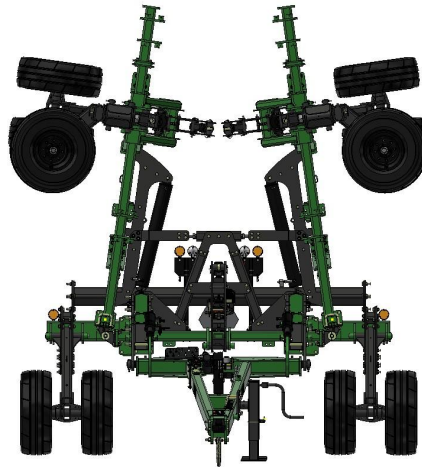
ONLY DISCONNECT WHEN WINGS ARE TOUCHING THE WING RESTS OR THE MACHINE IS FULLY UNFOLDED.

ONLY DISCONNECT ON FIRM LEVEL SURFACES.

TO ENSURE THE MACHINE IS COMPLETELY UNFOLDED, PUT WING HYDRAULIC CIRCUIT
IN FLOAT BEFORE DISCONNECTING.

BLOCK WHEELS. INSTALL LIFT CYLINDER LOCKS OR LOWER UNTIL SHOVELS ARE ON THE GROUND.

LOWER HITCH JACK AND ENSURE THERE IS NO DOWNWARD,
UPWARD OR SIDE PRESSURE ON TOW HITCH BEFORE DISCONNECTING.



OPERATION AND MAINTENANCE

ELITE CHISEL OPERATIONAL SAFETY

READ AND UNDERSTAND Operator's Manual before using machine. Review at least annually thereafter.

VERIFY that all safety devices and shields are in place before using machine.

KEEP hands, feet, hair and clothing away from moving parts.

STOP engine, place all controls in neutral, set parking brake, remove ignition key and wait for all moving parts to stop before servicing, adjusting, maintaining or unplugging.

CONNECTING TO THE TRACTOR

The Elite Chisel is equipped with a Ring Hitch matching the draft load and tongue weight requirements of that size implement. The chart below shows the requirements:

HORSEPOWER REQUIREMENTS/HITCH CATEGORY				
MACHINE SIZE	TRANSPORT HITCH WEIGHT	HP REQUIRED	HITCH CATEGORY	MAX PIN DIA.
26'	4750	300-450	3	2"
30'	5050	350-500	3	2"
34'	450	400-550	4	2"
38'	450	450-600	4	2"

* A Category 5 (2.25" Dia. Pin) hitch can be purchased as an upgrade. (Summers PN 8D0763)

The Elite Chisel is equipped with up to 5 hydraulic circuits. Each circuit can be identified by the color of its hose grip:

Green: Machine Depth / Lift (100% flow extend, 30%-50% flow retract)

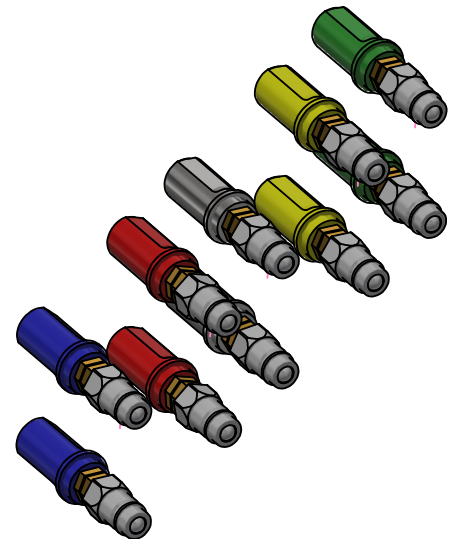
Gold: Wing Fold (and hitch position on 26', 30') (20%-40% flow)

Silver: Disk / Coulter Depth (30% flow)

Red: Disk Blade Angle (if equipped) (30% flow)

Blue: Rolling Basket Downpressure / Lift (if equipped) (60% flow)

1. Ensure tips and couplers are **CLEAN**. Connect hoses to desired tractor hydraulic remotes.
2. Connect 7 - Pin light connector.
3. Attach Safety Chain.
4. Retract Hitch Jack and place into storage location.



OPERATION AND MAINTENANCE

PREPARING FOR FIELD OPERATION

1. Park tractor and Elite Chisel on firm level surface with enough open area free of overhead obstacles.
2. Operate tractor hydraulics from operator station only. Do not allow anyone to stand near the Elite Chisel when folding or unfolding. Do not raise or lower Elite Chisel when implement is moving.
3. Extend the lift cylinders until the cylinder locks on center lift cylinder(s) are free and can be removed. Place cylinder locks in storage locations.



4. Lower wings by extending the Wing Fold cylinders. When both wings contact the ground, continue extending cylinders until fully extended - rod end roller should be in the middle of the slot.
5. Rotate the **WING WHEEL BYPASS** valve into "OFF" position. (26'-30' ONLY)



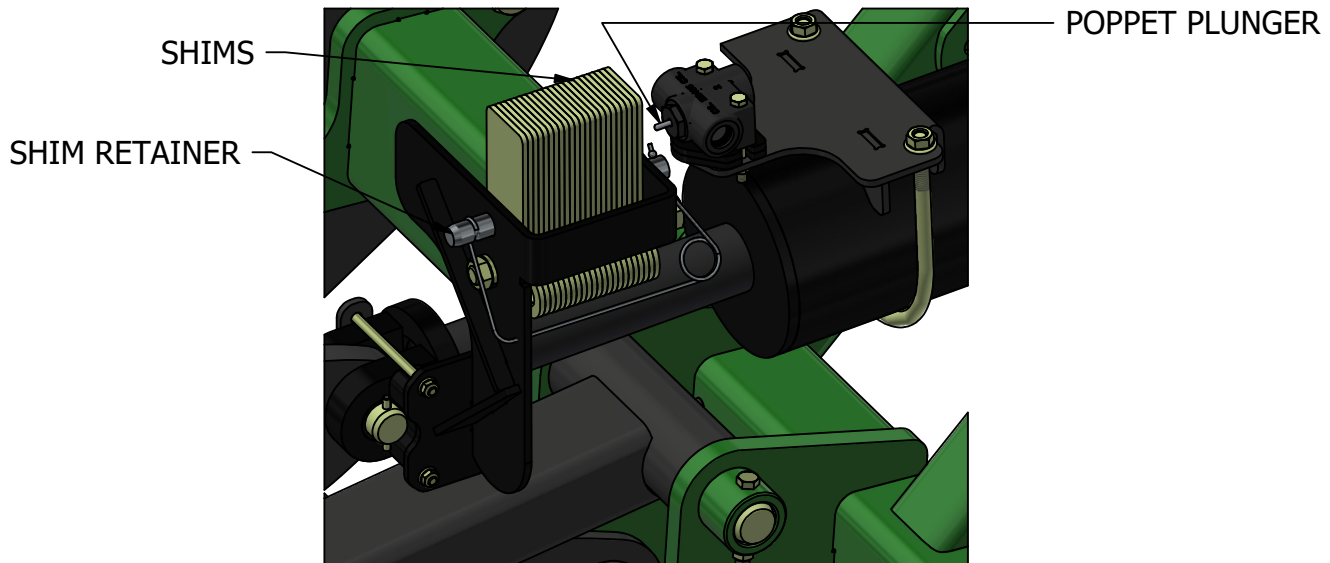
6. Extend Lift Cylinders for 30 seconds to rephase cylinders. (ALL sizes)



OPERATION AND MAINTENANCE

MACHINE LEVELING

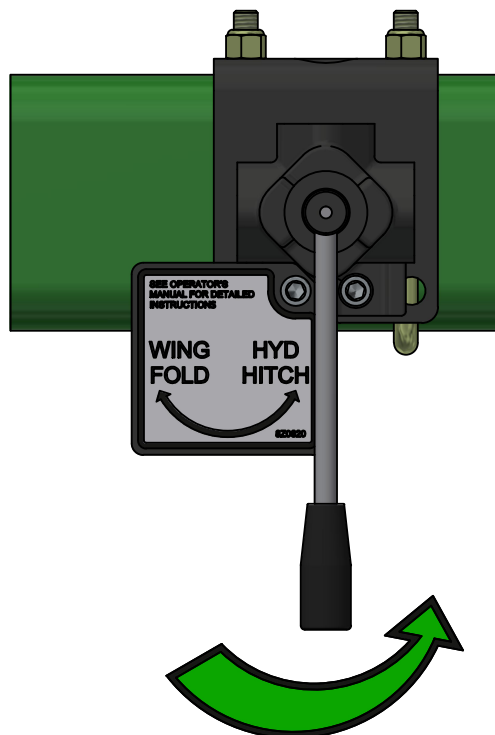
1. Select a flat, level location in a field to set tillage depth and level machine.
2. Pull ahead and lower chisel shanks into the ground to complete a test pass.
3. When the desired depth has been achieved, remove the shim retainer, rotate the appropriate number of shims down until they contact the poppet plunger. Replace the shim retainer.
**One shim is equal to 1/2" tillage depth.



4. Level the center section from front-to-rear. This process is slightly different for 26'-30' and 34'-38' machines:

26'-30'

- A. Rotate Function Selector Valve from **WING FOLD** to **HYD HITCH**.



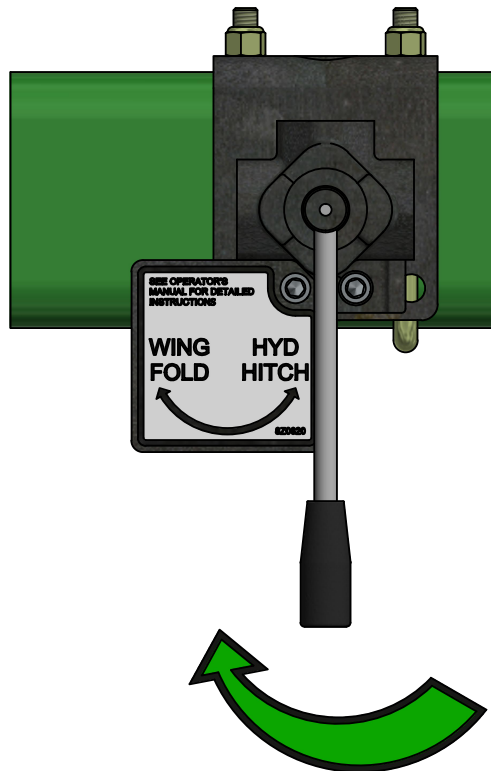
- B. Extend the hitch cylinders to raise the front of the machine, retract to lower.

OPERATION AND MAINTENANCE

MACHINE LEVELING

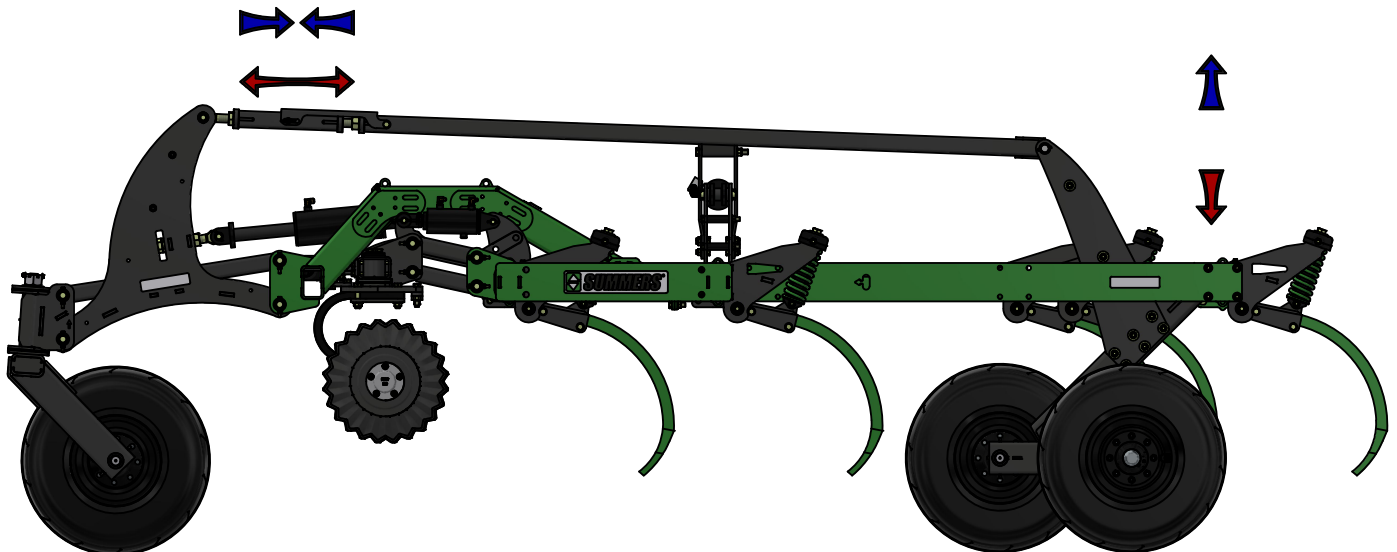
26'-30' cont'd

- C. Complete another test pass.
- D. Re-check front-to-rear levelness.
- E. When center section is level, turn Function Selector Valve to **WING FOLD**.



34'-38'

- A. To lower the rear center, lengthen the turnbuckle adjuster. To raise the rear center, shorten the turnbuckle adjuster.



OPERATION AND MAINTENANCE

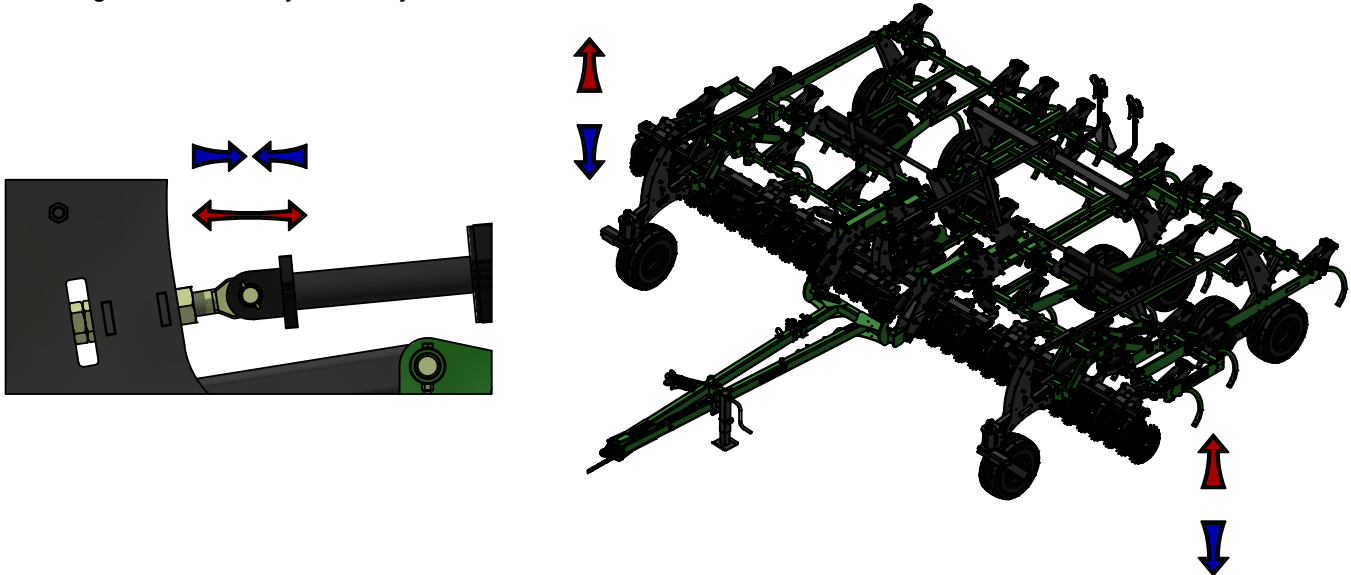
MACHINE LEVELING

34'-38'

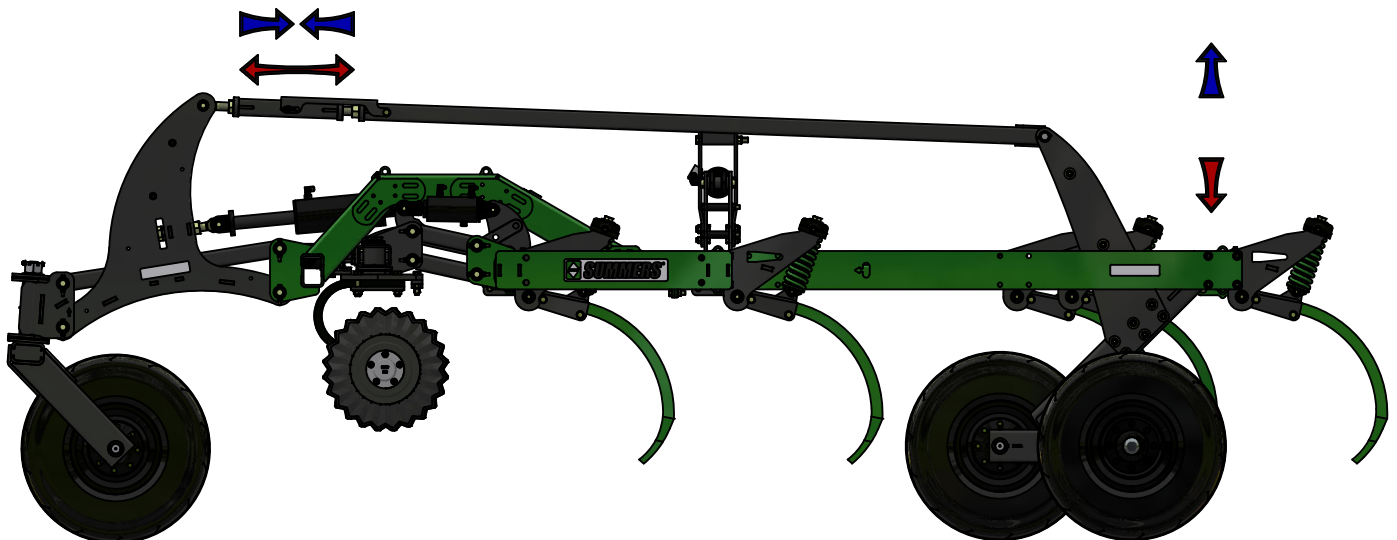
- B. Complete another test pass.
- C. Re-check front-to-rear levelness.
- D. Repeat until center section is level.

WINGS (ALL SIZES)

- 1. Check the wing sections front-to-back, as well as from the hinge to the end of the wing.
- 2. If the end of the wing is higher than at the hinge, retract the eyebolt adjuster. If the end of the wing is lower than at the hinge, extend the eye bolt adjuster.



- 3. After making adjustments, complete another test pass and check for levelness.
- 4. Check wing for levelness from front-to-rear.
- 5. To lower the rear of wing, lengthen the turnbuckle adjuster. To raise the rear of wing, shorten the turnbuckle adjuster.
- 6. To achieve proper leveling, a combination of adjusting the eyebolt and turnbuckle may be necessary.



OPERATION AND MAINTENANCE

BLADE SETTINGS

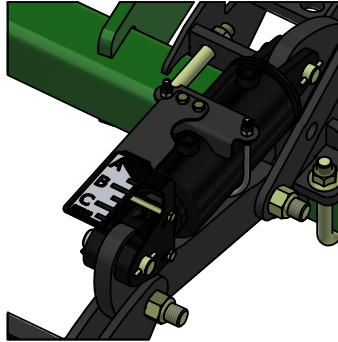
1. Retract the Blade Depth Circuit for 30 seconds to rephase cylinders.



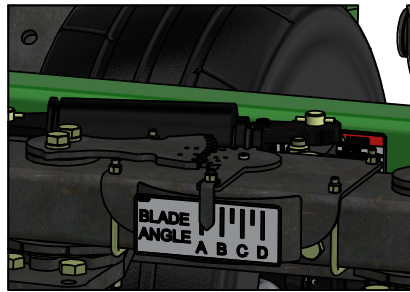
2. Retract the Blade Angle Circuit (if equipped) for 30 seconds to rephase cylinders.



3. Lower blades to desired depth. A depth reference gauge is located on the Right Hand wing.



4. Set blade angle. A reference gauge is located on the Right Hand wing. "A" is the least aggressive setting, "D" is the most aggressive.

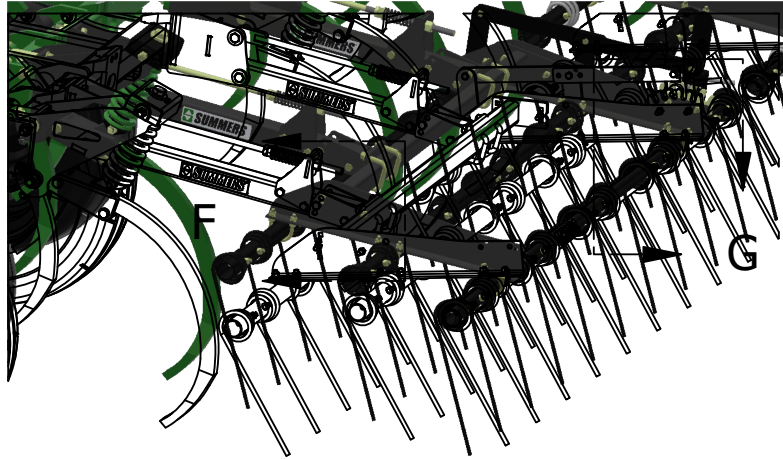


5. Both blade depth and blade angle can be adjusted "on the fly" while the machine is working.
6. If blade depth or blade angle become out of sync over time, rephase the circuit as described above.

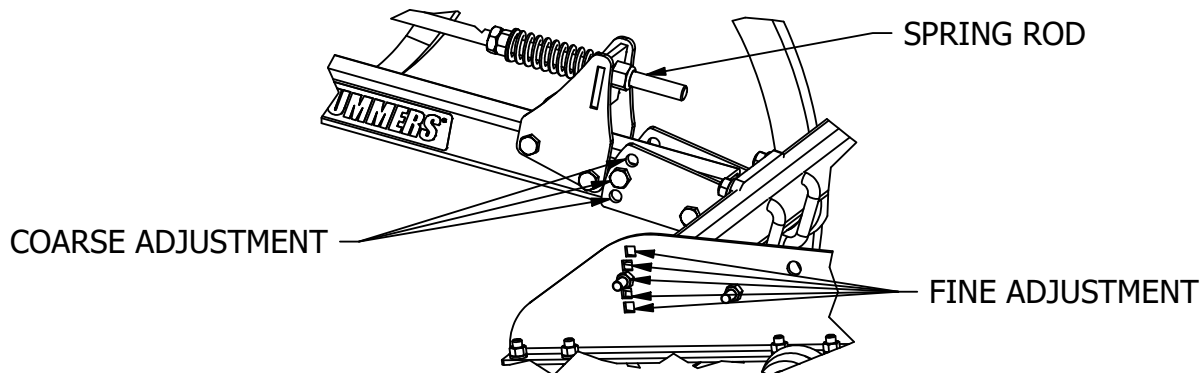
OPERATION AND MAINTENANCE

MOUNTED HARROW SETTINGS

The Elite Chisel may be optioned with several different versions of Mounted Harrows. Adjustment is the same for all:

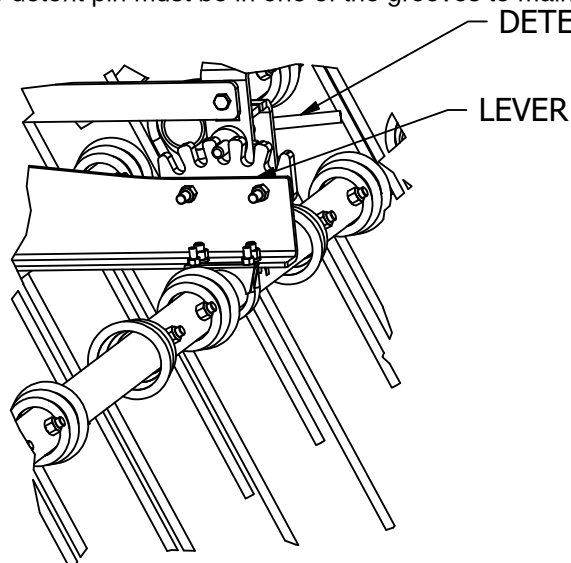


1. To adjust the height of the Harrow section, first loosen the jam nut and flange nut at the top of the spring. Then tighten the locknut at the bottom of the spring rod to raise the section, or loosen to lower.
2. To change the pitch, or angle, of the Harrow section, there are 2 adjustments. There are 3 coarse adjustment settings on the mounting arm, as well as 5 fine adjustment settings on the harrow section. To make an adjustment, loosen and remove the bolts on the adjustment side (toward front of implement) and rotate on the rear bolt. Reinstall fasteners.



DETAIL F

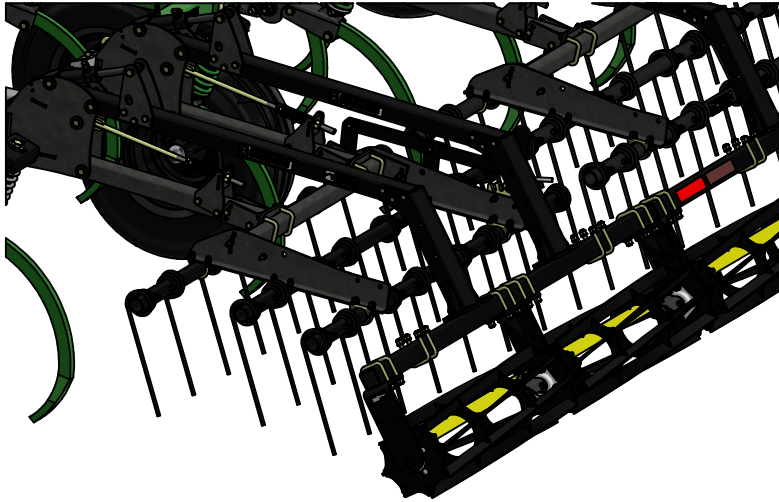
To adjust the pitch or angle of the Harrow teeth, pull the detent pin out, use the lever to rotate the bars forward or rearward, and release the detent pin. The detent pin must be in one of the grooves to maintain the set position.



OPERATION AND MAINTENANCE

ROLLING BASKET SETTINGS

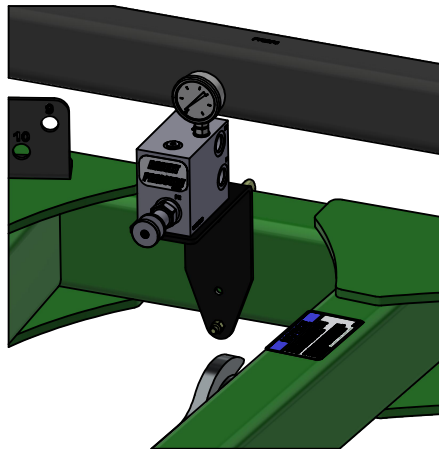
The Elite Chisel may be optioned with either a Helical or Chopping Rolling Basket. This attachment can be run in any of 3 modes: Active Downpressure, Floating, or Raised.



1. To run in Active Downpressure mode, activate the Basket circuit in extend. The flow must be **CONSTANT**, 60% flow rate.



2. Set the pressure at the valve located at the rear of the hitch. **DO NOT EXCEED 750 PSI.**



3. To run in Float mode, place the tractor hydraulic remote in float.



4. To run in Raised mode, activate the Basket circuit in retract. Once all basket section are fully raised, place the tractor remote in the neutral position. This will lock them in raised position.



OPERATION AND MAINTENANCE

TRANSPORT

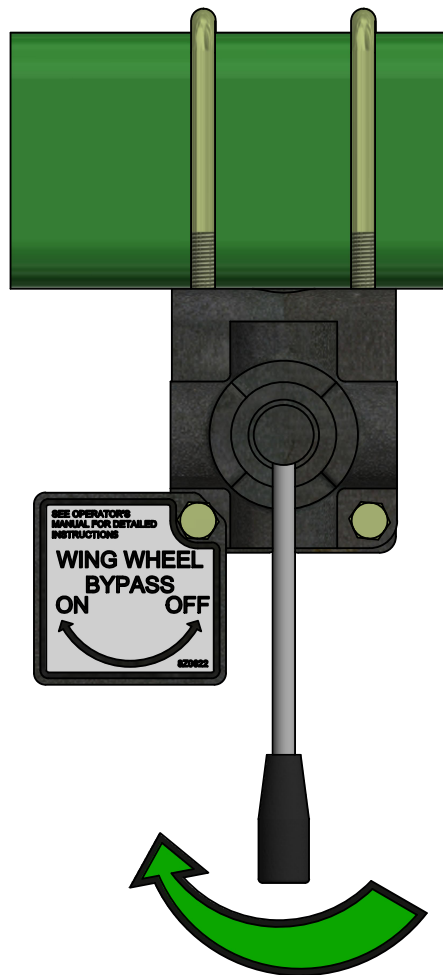
1. Park the tractor and Elite Chisel on a firm, level surface with enough open area free of overhead obstacles.
2. Place the Machine Depth / Lift circuit in extend until implement is fully lifted.



3. Raise Rolling Baskets (if equipped)
4. (26'-30' only) Ensure the Function Selector Valve is in the **WING FOLD** position.
5. Place the Wing Fold circuit in retract and hold until both wings are fully folded and have stopped moving.



6. Install cylinder locks on center section lift cylinders.
7. (26'-30' only) If the machine must be lowered for any reason while folded, the **WING WHEEL BYPASS** valve must be in the **ON** position. Failure to utilize this valve WILL result in damage to the machine not covered under warranty.



8. Tow with a secure drawbar pin and safety chain attached to tow vehicle.
9. Ensure safety lights, reflective decals, Speed Identification Symbol, and Slow Moving Vehicle Sign are in working condition and visible.
10. Tow vehicle must be able to withstand the tongue weight of machine. See specifications page for machine tongue weight.
11. Tow vehicle must be 1.5 times machine weight to safely transport machine on roads. See specifications page for machine weight.
12. Maximum towing speed is 20 MPH.

OPERATION AND MAINTENANCE

DISCONNECTING FROM THE TRACTOR

1. Ensure parking surface is firm and level.
2. Place wheel chocks in front and behind wheels in transport position or lower shovels onto ground if storing in field position.
3. (26'-30' only) Ensure **WING WHEEL BYPASS** valve is set to **ON**. This will ensure if any hydraulic settling occurs, the no damage will result.
4. Install hitch jack in position and lower until the hitch piece comes off the tractor drawbar.
5. Ensure pressure is off hitch before removing hitch pin.
6. Disconnect hoses and light harness.

STORAGE

1. Follow steps outlined in "DISCONNECTING FROM THE TRACTOR"
2. Clean and remove all excessive dirt and grease from Elite Chisel.
3. Grease all zerks.
4. To prevent rusting, repaint any areas that have been worn, chipped or scratched.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
One or both wings gradually tilling at a different depth than the center section.	Lift Cylinders out of phase.	Place Depth/Lift circuit in extend for 30 seconds or more to rephase cylinders. This is recommended at least every hour during continuous operation.
One or both wing blades/gangs gradually tilling at a different depth than the center section.	Blade Depth Cylinders out of phase.	Place Blade Depth circuit in retract for 30 seconds or more to rephase cylinders. This is recommended at least every hour during continuous operation.
Blades on one side of the Elite Chisel are at a different angle than the other.	Blade Angle Cylinders out of phase.	Place Blade Angle circuit in retract for 30 seconds or more to rephase cylinders. This is recommended at least every hour during continuous operation.
Not pulling straight.	Machine is not level.	See section on Machine Leveling.
Inconsistent tillage depth.	Excessive travel speed. Hard soil conditions. Deep furrows.	Reduce speed. Reduce tillage depth and make multiple passes with increasing depth. Travel across field furrows at an angle.
Chisel shanks plugging.	Extremely high residue conditions.	Increase Blade Depth to get better cutting action. Change shovel type - ensure twisted shovels are not throwing into wheels.
Poor penetration.	Machine not running level front-to-back. Hard soil conditions.	See section on Machine Leveling. Reduce tillage depth and make multiple passes with increasing depth.
Harrows plugging/bunching.	Tines set too aggressive. Harrow sections set too low.	Reduce tine angle. Raise harrow sections.

OPERATION AND MAINTENANCE

MAINTENANCE

AFTER FIRST 4 HOURS:

Check fasteners and hydraulic fittings for tightness. Re-torque as needed. See Fastener Table in Specifications section.

EVERY 40 HOURS:

Grease caster wheel pivot assembly.

SEASONALLY:

Grease Fold Cylinder pivot.

Inspect and re-pack Wheel Bearings.

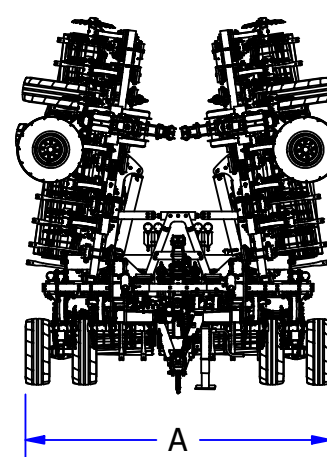
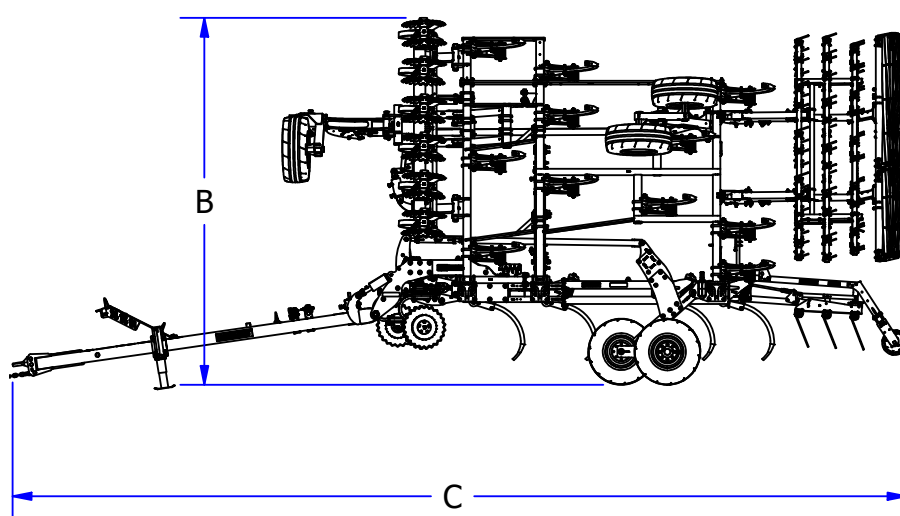
Check fasteners for tightness. Re-torque as needed.

Inspect Hydraulic system for leaks and wear. Re-tighten fittings and/or replace hoses as needed.

Inspect tires for wear and check inflation pressure. See Tire Information in Specifications section.

SPECIFICATIONS

DIMENSIONS/WEIGHT (APPROX.)						
MACHINE SIZE	TRANSPORT WIDTH (A)	TRANSPORT HEIGHT (B)	MACHINE WEIGHT (MAX)	OVERALL LENGTH (C)	TRANSPORT HITCH WEIGHT	WORKING WIDTH
26'	13' 2"	11'	27,140	38' 8"	4750	26'
30'	13' 2"	15' 8"	28,820	38' 8"	5050	30'
34'	20' 7"	13' 9"	34,640	38' 8"	450	34'
38'	20' 7"	15' 7"	36,490	38' 8"	450	38'



WHEEL HUBS		
PART NUMBER	HUB	WHEEL BOLT/NUT TORQUE
8K1105S	812 - 8 BOLT	240 FT-LB

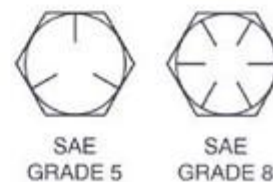
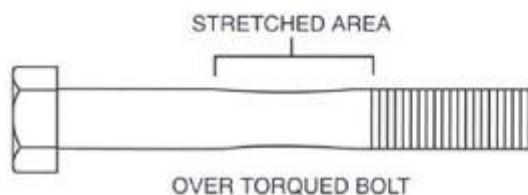
TIRE INFORMATION			
PART NUMBER	SIZE	LOAD INDEX	PRESSURE
8K7520B	VF320/70R15	150D	70 PSI

SPECIFICATIONS

DO NOT use these values if a different torque value to tightening procedure is given for a specific application. Torque values listed are for general use only. Periodically inspect fasteners for condition and tightness. Re-torque as necessary.

FASTENER INFORMATION					
BOLT SIZE	WRENCH SIZE	GRADE 5		GRADE 8	
		FT-LB	N-m	FT-LB	N-m
1/4"	7/16" or 3/8"	7	9.5	12	17
5/16"	1/2"	15	20	25	34
3/8"	9/16"	30	41	45	61
7/16"	5/8" or 11/16"	45	61	70	95
1/2"	3/4"	70	95	105	142
9/16" WHEEL BOLTS	7/8"	170	231		
5/8"	15/16"	170	231	210	285
5/8" WHEEL NUTS	1-1/16"	240	325		
3/4"	1-1/16"* or 1-1/8"	250	339	375	509
3/4" WHEEL NUTS	1-1/8"	275	373		
7/8"	1-5/16"	350	475	600	814
1"	1-1/2"	450	610	880	1193
1-1/4"	1-7/8"	500	678		
1-1/2"	2-1/4"	570	773		
2"	3-1/8"	1200	1627		
METRIC					
M5	3 mm socket or 8 mm	22 IN-LB	2.5 N-m		
M6	4 mm socket	70 IN-LB	8 N-m		

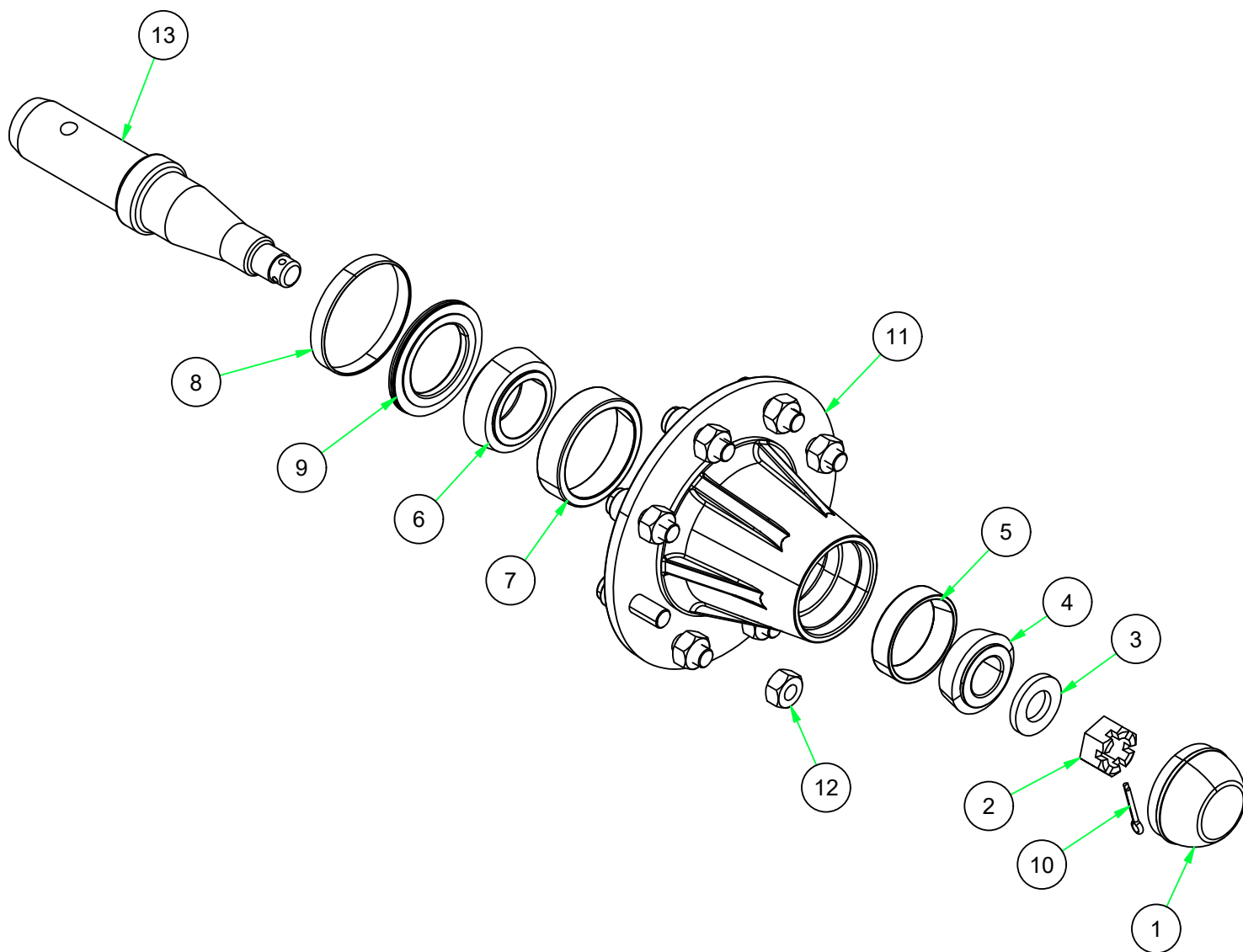
*Nylon Lock Nut



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PARTS

8K1105S HUB ASSEMBLY



PARTS

8K1105S HUB ASSEMBLY

ITEM	PN	DESCRIPTION
1	8K7113	HUB CAP HD812 DC17
2	8D5312	NUT 1"-14NF HEX SLOT GR2 PLN
3	8D5319	WASHER 1" AXLE
4	8K7118	BEARING OUTER HD812 LM2790
5	8K7132	RACE OUTER FOR HD812 LM2720
6	8K7117	BEARING INNER HD812 LM3780
7	8K7130	RACE INNER FOR HD812 LM3720
8	8K7128	SEAL SLEEVE HD812 06-
9	8K7127	SEAL TRPL LIP EXTRNL HD812 06-
10	8X0415	COTTER PIN 3/16 X 1-1/2"
11	8K7111	812 HUB ASSEMBLY
12	8K7123	NUT WHEEL BOLT 5/8-18UNF 97-
13	8K7150S	AXLE HD812X 11.5" (2"DIA.RCVR)

NOTES
